BRUHAT BENGALURU MAHANAGARA PALIKE

TENDER DOCUMENT – KW3

(WORKS COSTING LESS THAN Rs. 100 LAKHS)

Name of Work: - Improvements to roads and drains balance main and cross roads of Mathru layout in ward no:04

Estimate Cost: 99.00 Lakhs

CONTRACTOR

EXECUTIVE ENGINEER
YELAHANKA DIV

BRUHAT BENGALURU MAHANAGARA PALIKE

No: BBMP/EE/YNK.D/E-PMT/05/ 2020-21

Office of the Executive Engineer
Yelahanka division, Bangalore – 560064.
Dated : **03-9-2020**

INVITATION FOR TENDER (IFT)
(Short term- Tender Notification)
(Two Cover System)
(Through **GOK e–Procurement Portal** only)

1. The Executive Engineer Yelahanka Division invites tenders on behalf of the commissioner, BBMP, Bengaluru from eligible Tenderers for the construction of works detailed in the table below. The tenderers may submit tenders for works given in the table through e-procurement portal of the Government of Karnataka (viz https://eproc.karnataka.gov.in).The Tenderers are advised to note the minimum qualification criteria specified in Clause 3 of the Instructions to Tenderers to qualify for award of the contract **as per standard tender document KW-3 and KW-4.**
2. Tenders must be accompanied by Earnest Money Deposit specified for the work in the table below. Earnest money deposit will have to be in any one of the forms as specified in the Tender document (Minimum of Rs1,00,000/- through e-payment under of the following i.e., online / RTGS / NEFT / OTC and the balance by bank guarantee issued by Nationalized / Scheduled Bank and shall have to be valid for 180 days beyond the validity of the tender)
3. Tenders must be submitted online through e-procurement portal on or before 16.00 hours on **19-09-2020** and the opening of tenders will be as per the e-procurement portal guidelines.
4. GST Shall be Paid to the tendered amount separately
5. Other details can be seen in the tender documents.

Sl. No.	Name of the Work	Est. Cost	EMD (Rs. in Lakhs)	Cost of Tender form in Rs. (Non-Refundable)	Period of Completion
1	Construction of additional class rooms and compound wall at Govt. Higher primary school (Bangala school) at Yelahanka old town in Kempegowda ward no:01	300.00	4.50	As per e-Procurement Portal	09 Months (including monsoon
2	Development of roads and drains at Maruthinagara 4th main and cross roads Basaveshwaranagara and	400.00	6.00	As per e-Procurement Portal	06 Months (including

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	Shivanahalli surrounding areas in ward no:01 of Yelahanka division (Package no-7)				monsoon)
3	Improvements to roads and drains at Kalli bhavi road and surrounding areas in ward no:01 of Yelahanka sub division	100.00	2.00	As per e-Procurement Portal	03 Months
4	Developments of roads and drains at Venkatala, Kenchenahalli, Nagenahalli, Harohalli village and Drilling of borewells and providing pipe line at SC/ST areas in ward no:01 and 02 of Yelahanka Division (Package no:08)	500.00	7.50	As per e-Procurement Portal	06 Months (including monsoon)
5	Comprehensive development of Chowdeshwari layout and surrounding areas in Chowdeshwari ward no:02	100.00	2.00	As per e-Procurement Portal	03 Months
6	Providing energy efficient LED Street lights Control Switches and wire to Main roads and around Chowdeshwari ward no:02	75.00	1.50	As per e-Procurement Portal	03 Months
7	Improvements to roads and drains at SC/ST areas in ward no:02 of Yelahanka sub division	100.00	2.00	As per e-Procurement Portal	03 Months
8	Improvements to Asphalting to roads and drains at Best county , Ambabhvaninagara , Ambabhavani layout , Prakruthi layout and surrounding areas in Attur ward no:03 of Yelahanka division (Package-06)	600.00	9.00	As per e-Procurement Portal	06 Months (including monsoon)
9	Providing energy efficient LED Street lights Control Switches and wire to Main roads and around Attur ward no:03	125.00	1.875	As per e-Procurement Portal	03 Months
10	Improvements to roads and drains at Vishwanagara in ward no:03 of Yelahanka Satellite town sub division	100.00	2.00	As per e-Procurement Portal	03 Months
11	Improvements to roads and drains at Bettahalli Colony in ward no:03 of Yelahanka satellite town sub division	100.00	2.00	As per e-Procurement Portal	03 Months
12	Construction of CC roads in 4th phase and surrounding areas in ward no-3	100.00	2.00	As per e-Procurement Portal	03 Months
13	Developments of roads and drains at Attur, Ananthapura, 3rd phase Sanitary core areas and Drilling of borewells and providing pipe line at SC/ST areas in ward no:03 and 04 of Yelahanka Division (Package no:09)	500.00	7.50	As per e-Procurement Portal	06 Months (including monsoon)
14	Providing multi colour shade lights at parks in ward no:03 and 04 of Yelahanka satellite town sub division	75.00	1.50	As per e-Procurement Portal	03 Months

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03 Months
03 Months
03 Months
03 Months
04 Months
03 Months
03 Months
03 Months
03 Months
03 Months

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Copy Submitted to:-

1. Personnel Secretary to Worshipful Mayor to bring to the kind notice of the Worshipful Mayor.
2. Personnel assistant to Deputy mayor to bring to the notice of Deputy Mayor
3. The Commissioner, BBMP for kind information.
4. Special Commissioner (Projects)/Additional Commissioner(Projects) for kind information
5. Engineer – in – Chief, BBMP for kind information.
6. Council Secretary to bring to notice of the Standing Committee (Major Works).
7. The Chief Engineer / yelahanka zone / (Road Infrastructure)/Environment/Markets/ South zone/ West zone/ East zone/Rajarajeshwari Nagar zone / Bommanahalli zone/ Dasarahalli zone/ Yelahanka zone/ Mahadevapura zone/ (SWD) for kind information.
8. The Superintending Engineer, yelahanka zone / (Road Infrastructure)/ South/East/West/ Rajarajeshwari Nagar/ Bommanahalli / Dasarahalli/ Mahadevapura Zone for kind information.
9. Directorate General of Commercial Intelligence and Statistics, 565, Anandapur, Ward No.-108, Plot No.-22, Sector-1, Kolkata-700107, India, for kind information with a request to publish the same in the Indian Trade Journal.
10. The Joint Secretary(UDD) and the State Tender Bulletin Officer for kind information with a request to publish the same in the State Tender Bulletin
11. CAO / Chief Auditor for kind information.
12. IT Advisor with a Request to publish the same in the BBMP Website.
13. All Executive Engineers with a Request to publish the same in the Display /Notice Boards.
14. ACF (Yelahanka) / Accounts Superintendent / Cashier for information for necessary action.
15. Public Relation Officer, BBMP for information and to publish in two leading National Newspapers in Kannada and English.
16. Notice board Office Copy

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15.3 The Tenderes names, the presence or absence of earnest money deposit (amount, format and validity), the submission of qualification information and such other information as the Employer may consider appropriate will be announced by the Employer at the opening.

15.4 The Employer shall prepare minutes of the Tender opening, including the information disclosed to those present in accordance with Sub-Clause 15.3.

15.6 The Employer will evaluate and determine whether each tender (a) meets the eligibility criteria defined in ITT Clause 2; (b) is accompanied by the required earnest money deposit as per stipulations in ITT Clause and (c) meets the minimum qualification criteria stipulated in ITT Clause 3. The Employer will draw out a list of qualified Tenderers.[1]

16 Opening of Second Cover of qualified Tenderers and evaluation:

16.1 The Employer will inform all the Qualified Tenderers the time, date and venue fixed for the opening of the Second Cover containing the priced Tenders. The Employer will open online the Second Covers of Qualified Tenderers at the appointed time and date (as indicated in the e-Procurement Portal) in the presence of the Tenders or their representatives who choose to attend. In the event of the specified date of Second Cover opening being declared a holiday for the Employer, the Second Covers will be opened at the appointed time and location on the next working day.

16.4 The Employer shall prepare minutes of the Second Cover Tender opening.

17. Process to be confidential

17.1 Information relating to the examination, clarification, evaluation, and comparison of Tenders and recommendations for the award of a contract shall not be disclosed to Tenderers or any other persons not officially concerned with such process until the award to the successful Tenderer has been announced. Any effort by a Tenderer to influence the Employer's processing of Tenders or award decisions may result in the rejection of his Tender.

18 Clarification of Tenders

18.1 To assist in the examination, evaluation, and comparison of Tenders, the Employer may, at his discretion, ask any Tenderer for clarification of his Tender, including breakdowns of unit rates. The request for clarification and the response shall be in writing or by cable, but no change in the price or substance of the Tender shall be sought, offered, or permitted .

18.2 Subject to sub-clause 18.1, no Tenderer shall contact the Employer on any matter relating to its Tender from the time of the Tender opening to the time the contract is awarded. If the Tenderer wishes to bring additional information to the notice of the Employer, it should do so in writing.

18.3 Any effort by the Tenderer to influence the Employer in the Employer's Tender evaluation, Tender comparison or contract award decisions may result in the rejection of the Tenderers' Tender.

19. Examination of Tenders and determination of responsiveness

19.1 Prior to the detailed evaluation of Tenders, the Employer will determine whether each Tender; (a) has digitally signed; and, (b) is substantially responsive to the requirements of the Tender documents.

19.2 A substantially responsive Tender is one which conforms to all the terms, conditions, and specifications of the Tender documents, without material deviation or reservation. A material deviation or reservation is one (a) which affects in any substantial way the scope, quality, or performance of the Works; (b) which limits in any substantial way, inconsistent with the Tender documents, the Employer's rights or the Tenderer's obligations under the Contract; or (c) whose rectification would affect unfairly the competitive position of other Tenderers presenting substantially responsive Tenders.

19.3 If a Tender is not substantially responsive, it will be rejected by the Employer, and may not subsequently be made responsive by correction or withdrawal of the nonconforming deviation or reservation.

20 Correction of errors

The Tenderer can do Modifications before submitting their bids online only.

21. Evaluation and comparison of Tenders

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[1] The evaluation of the technical aspects contained in the first cover should be completed within a reasonable period and the time gap between the opening of the first and second cover should be the minimum and in any case not more than 45 days {In exceptional cases, approval of the Secretary to the Government of the concerned Department/Managing Director of the Corporation shall be obtained, where the period is more than 45 days but less than 60 days. If it exceeds 60 days the tenders shall be re-invited.

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This is to notify you that your Tender dated _____ for execution of the Improvements to roads and drains balance main and cross roads of Mathru layout in ward no:04 the Contract Price of Rupees (
) [amount in words and figures], as corrected and modified in accordance with the Instructions to Tenderers is hereby accepted by our Agency.

You are hereby requested to furnish Security deposit in the form detailed in Clause 25.1 of ITT for an amount of Rs.———— within 20 days of the receipt of this letter of acceptance valid up to 30 days from the date of **expiry of Defects Liability Period i.e. up to 2 Years and sign the contract, failing which action as stated in Para 25.4 of ITT will be taken.**

Yours faithfully,

Authorized Signature

Name and Title of Signatory

Name of Agency

Issue of Notice to proceed with the work
(letterhead of the Employer)

———— (date)

To

———————— (name and address of the Contractor)

————————

————————

Dear Sirs:

Pursuant to your furnishing the requisite security deposit as stipulated in ITT Clause 25.1 and signing of the contract agreement for the Improvements to roads and drains in Chikkabommasandra Main and Cross roads in ward no:04 at Tender Price of Rs.————, you are hereby instructed to proceed with the execution of the said works in accordance with the contract documents.

Yours faithfully,

Signatory (Signature,name and title of

Employer) authorized to sign on behalf of

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24.2 The responsibility of the parties for actions to be taken is to be decided by the Employer either at the management meeting or after the management meeting and stated in writing to be distributed to all who attended the meeting.

C. Quality Control

25. Identifying defects

25.1 The Employer shall check the Contractor's work and notify the Contractor of any Defects that are found. Such checking shall not affect the Contractor's responsibilities. The Employer may instruct the Contractor to search for a Defect and to uncover and test any work that the Employer considers may have a Defect

26. Tests

26.1 If the Employer instructs the Contractor to carry out a test not specified in the Specification to check whether any work has a Defect and the test shows that it does, the Contractor shall pay for the test and any samples. If there is no Defect the test shall be a Compensation Event.

27. Correction of defects

27.1 The Employer shall give notice to the Contractor of any Defects before the end of the Defects Liability Period, which begins at Completion and is defined in the Contract Data. The Defects Liability Period shall be extended for as long as Defects remain to be corrected.

27.2 Every time notice of a Defect is given, the Contractor shall correct the notified Defect within the length of time specified by the Employer's notice.

28. Uncorrected defects

28.1 If the Contractor has not corrected a Defect within the time specified in the Employer's notice, the Employer will assess the cost of having the Defect corrected, and the Contractor will pay this amount.

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43. **Payment upon Termination**

43.1 If the Contract is terminated because of a fundamental breach of Contract by the Contractor, the Employer shall prepare bill for the value of the work done less advance payments received up to the date of the bill, less other recoveries due in terms of the contract, less taxes due to be deducted at source as per applicable law and less the percentage to apply to the work not completed as indicated in the Contract Data. Additional Liquidated Damages shall not apply. If the total amount due to the Employer exceeds any payment due to the Contractor the difference shall be a debt payable to the Employer.

43.2 If the Contract is terminated at the Employer's convenience or because of a fundamental breach of Contract by the Employer, the Employer shall prepare bill for the value of the work done, the reasonable cost of removal of Equipment, repatriation of the Contractor's personnel employed solely on the Works, and the Contractor's costs of protecting and securing the Works and less advance payments received up to the date of the certificate, less other recoveries due in terms of the contract, and less taxes due to be deducted at source as per applicable law and make payment accordingly.

44. **Property**

44.1 All materials on the Site, Plant, Equipment, Temporary Works and Works are deemed to be the property of the Employer, if the Contract is terminated because of a Contractor's default.

45. **Release from performance**

45.1 If the Contract is frustrated by any event entirely outside the control of either the Employer or the Contractor the Employer shall certify that the Contract has been frustrated. The Contractor shall make the Site safe and stop work as quickly as possible after receiving this certificate and shall be paid for all work carried out before receiving it and for any work carried out afterwards to which commitment was made

General Conditions :

(a) 1% of the Tendered amount will be deducted towards "Labour Welfare Fund ".

(b) The Tenderer has to produce all the relevant Documents as indicated in the Bid Document in originals during the opening of the Technical Bid " Mandatorily " . This is in addition to Uploading all the relevant Documents in the e-procurement portal. If the Originals are not submitted, the Tender will be rejected.

(c) All other documents which are required to be submitted are to be uploaded in the e-Procurement Portal in General Documents section, while electronically submitting the bid. If any of the Documents as desired are not submitted the Tender will be rejected.

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Name of Work: Improvements to roads and drains at Balance main and cross roads in Mathru layout in ward no. 04

Schedule B

Item No.	Description	Unit	Quantity	Rate, Rs	
				In Figures	In Words
1	KSRRB 300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications(I No-19.1, P No-143), 8km lead	Cum	419.26		
2	Filling in foundation with granite/trap broken metal 100mm and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with lead up to 50m and lift 1.5m complete as per specifications a) 40mm Jelly	Cum	0.25		
3	b) 20mm Jelly	Cum	0.25		
4	c) Coarse sand.	Cum	0.19		
5	d) Fine Sand	Cum	0.12		
6	e) 12.5mm chips	Cum	0.19		
7	Supplying, laying and jointing HDPE pipes of specified grade and conforming to IS 4984- 995 with latest amendments and conveyingto work site including loading and unloading at both destinations and rolling and lowering into trenches, laying true to line and jointing of pipes and specials, giving hydraulic test as per relevant ISS with all lead and lifts including encasing the pipe alround to a depth of not less than 15 cms. with soft gravel or selected earth available from the excavation, testing and commissioning. The rate is exclusive of required specials and fittings wherever necessary like saddle Tee, stub ends, flanged sets, bends, reducers etc. complete (Contractor will make his own arrangements for procuring water for testing) etc. for : HDPE Grade PE80-PN6.0, 630 mm dia. (Perforated Pipe for Rain Water Harvesting Pit) (BWSSB SR 2017-18, Pg No 121 Item No. 1.17 Code No. K010Q)	Mtr	3.60		
8	Providing of Geonets for Rain Water Harvesting pit on top of the filter media as specified indrawings or as approved by Engineer Incharge. Data Rate	Sqm	0.62		

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	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications Clause 401 of MORTH V Revision.(I No-20.5,P No-153)	Cum	333.00		
17	KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications(P.No-155,I No-20.18)	Cum	951.92		
18	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications Clause 502 of MORTH V revision(P.No-158,I No-21.6), issue rate dated 02-07-2020	Sqm	4138.80		
19	KSRRB 500-2. Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM complete as per specifications (P.No-158,I No-21.2), issue rate dated 01-07-2020	Sqm	1830.00		
20	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications (P.No-161,I No-21.7) issue rate dated 02-07-2020	Sqm	5968.80		
21	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications Clause 505 of MORTH V revisionusing 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen (P.No-160,I No-21.17.6), issue rate dated 02-07-2020	Cum	229.82		
22	Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision as per IRC SP-53-2015. using 40-60 TPH capacity HMP with mechanical paver grading II (30-45mm) with 5.4 % of modified bituminus binder consisting of 4.97% of VG-30 bitumen (60/70 grade) and 0.43% of plastomeric thermoplastics (waste plastic)(P.No-171,I No-21.78.12), issue rate dated 02-07-2020	Cum	205.52		

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23	with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803(P.No-182,I No-24.15)	Sqm	198.60		
24	KSRRB M800-35. Supply and Installtion of Moulded Shank Raised Pavement Markers made of polycarbonate and ABS(Acrylonitrile Butadiene Styrene) moulded body and reflective panels with micro prismatic lens capable of providing total internal reflection of the light entering the lens face and shall support a load of 16000 kg tested in accordance to Specifications of Category A of MORTH Circular No RW/ NH/33023/10-97 – DO III Dt 11.06. 1997. The height, width and length shall not exceed 50 mm, 100 mm and 102 mm and with minimum reflective area of 13 Sqcm on each side and the slope to the base shall be 35 degree. The strength of detachment of the integrated cylindrical shanks, (of diameter not less than 19 mm and height not less than 30 mm) from the body is to be a minimum value of 500 Kg. Fixing will be by drilling holes on the road for the shanks to go inside, without nails and using epoxy resin based adhesive as per manufacturer's recommendation and complete as directed by the engineer.(P.No-187,I No-24.41)	Nos	278.00		

BRUHAT BANGALORE MAHANAGARA PALIKE, YELAHANKA ZONE

Executive Engineeer
Yelahanka Division
B.B.M.P. Bangaloro - 64

SECTION 10: FORMAT OF BANK GUARANTEE FOR SECURITY DEPOSIT

To: Executive Engineer,
Yelahanka Division Bangalore-64

WHEREAS _____ (hereinafter called "the Contractor") has undertaken, in pursuance of Contract No. _____ dated _____ to execute Improvements to roads and drains balance main and cross roads of Mathru layout in ward no:04 AND WHEREAS it has been stipulated by you in the said Contract that the Contractor shall furnish you with a Bank Guarantee by a recognized bank for the sum specified therein as security for compliance with his obligations in accordance with the Contract;

AND WHEREAS we have agreed to give the Contractor such a Bank Guarantee;

NOW THEREFORE we hereby affirm that we are the Guarantor and responsible to you, on behalf of the Contractor, up to a total of Rs._____Rupees_____ _____, and we undertake to pay you, upon your first written demand and without cavil or argument, any sum or sums within the limits of _____ as aforesaid without your needing to prove or to show grounds or reasons for your demand for the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the Contractor before presenting us with the demand.

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We further agree that no change or addition to or other modification of the terms of the Contract or of the Works to be performed there under or of any of the Contract documents which may be made between you and the Contractor shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition or modification.

This guarantee shall be valid until 30 days from the date of expiry of the Defects Liability Period.

Signature and seal of the guarantor _____

Name of Bank _____

Address _____

Date _____

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